

Serial No. 09/379,540

B1 providing an apparatus for intracardiac drug administration comprising a catheter, said catheter having at least one position sensor which generates signals responsive to the position of said catheter, said signals being used to generate position and orientation coordinates, and a drug delivery device for delivering said cell;

inserting said catheter into a chamber of said heart at a site;

delivering said cell to said site with said drug delivery device based on position and orientation coordinates in response to said signals from said position sensor.

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